ZONE SHIELD® Wireless

Remote View Hidden Video by SleuthGear®

Xtreme LIFE™ Wireless

Battery Powered Remote Hidden Video by SleuthGear®

QUAD or QUAD LCD Receiver Manual

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Do not open/modify the device, as it may cause damage to the unit and void the Warranty. For internal repairs, consult your dealer or an Authorized Service Center.

Do not use any accessories or power supplies other than what comes with the device, otherwise it could void the warranty.

Protect from humidity. Do not put it in water and be careful to protect it from rain, sea water, or high humidity environment. Do not operate the unit near a bath tub, shower, sink, swimming pool, etc.

Protect from high temperatures
To avoid damage or mis-operation of the device, only use in temperature of 0 ~ +40°C(32 ~ 104°F).

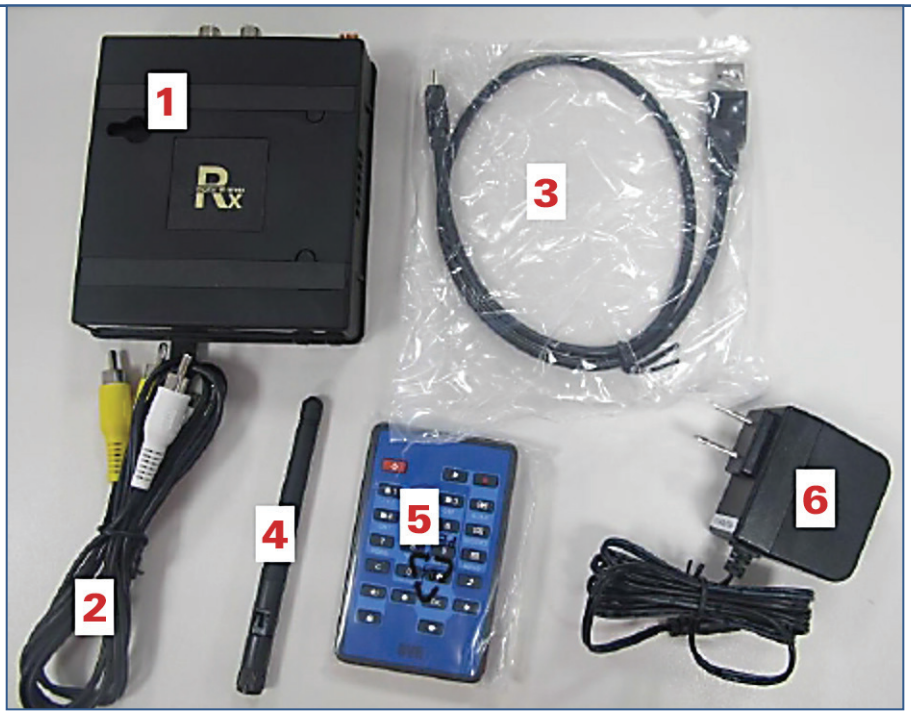
Do not bring the device suddenly from a hot to a cold place, or vice versa. This may cause damage to the inside of the unit by creating condensation.

EU Environmental Protection
The symbol of crossed-out garbage shows that this product should not be treated as household waste, as it falls into the category of electric /electronic equipment for recycling. This electronic device should not be disposed of in regular trash. We strongly advise you to contact your local authority for proper disposal of this product.

Includes

QUAD Version

1. Receiver
2. RCA Cables
3. USB Cable
4. Antenna
5. Remote
6. Power Supply



QUAD LCD Version

1. Receiver
2. Remote
3. RCA Cables
4. Receiver Brackets
5. USB Cable
6. Antenna
7. Power Supply

Introduction: Xtreme Life Wireless QUAD/QUAD LCD

Thank you for purchasing the Xtreme Life Wireless QUADs, with a Digital Wireless Receiver and built in DVR Recording Systems capable of recording on to an SD card, and has a USB to PC interface that enables Direct to PC Video Recording and Remote Video Access. Xtreme life are battery operated hidden camera systems was designed to be a long life battery-operated hidden video recorder. To accomplish extended battery life, your system uses a technology known as PIR(Passive Infrared). You'll find the PIR sensor located next to or near your camera. The PIR sensor regulates power to the internal video recording components and is the triggering system that initiates recording. When there is no activity in range of the PIR sensor, the camera and the DVR will be powered down. When the sensor is triggered it will send a signal to turn on the camera and begin recording almost instantly. The less activity the longer the system will maintain battery life.

To access your live video remotely, simply type in the supplied website address into your internet browser to obtain instance remote video access, whether you are at home or away from your location. Never deal with complicated IP Configuration again. Xtreme Life Wireless QUADS allow users to connect up to 4 Wireless Hidden Cameras to 1 receiver for a full covert video surveillance system. Download the "EZ-See" Mobile App for Apple and Android devices, and get instance video access on the go!

All of our SleuthGear line of hidden cameras are designed and assembled in Nashville, TN USA, and backed by our 1 year warranty. Visit our website to see the full line of SleuthGear hidden cameras at www.mysleuthgear.com

We invite you to explore the Quick Setup Guide below to learn more how to operate your Xtreme Life hidden camera.

Introduction: Zone Shield Wireless Quad/Quad LCD

Thank you for purchasing the Zone Shield Wireless QUADs system. This system was designed for recording multiply cameras to your PC or recording video on the local memory card (not included), with no additional cost to you. With the Zone Shield system you can view video wherever you are from a PC or your Smartphone, simply type in the supplied website address into a internet browser to obtain instance remote video access or Download the free "EZ-See" Mobile App for Apple and Android devices, and get instance video access on the go!

Zone Shield Wireless QUADS allow users to connect up to 4 Wireless Hidden Cameras from our SleuthGear wireless Quad line to 1 receiver for a full covert video surveillance system.

All of our SleuthGear line of hidden cameras are designed and assembled in Nashville, TN USA, and backed by our 1 year warranty. Visit our website to see the full line of SleuthGear hidden cameras at www.mysleuthgear.com

We invite you to explore the Quick Setup Guide below to learn more about how to operate your Zone Shield Wireless hidden camera.

Quick Setup Guide

1. Step 1: Unpack unit and insert the CD into your PC to install the provided ASP4 software on your PC.
2. Step 2: Use the provided USB cable to connect the QUAD LCD receiver to your PC.
3. Step 3: Click on the two gears icon for the Settings screen to personalize your recording preferences and set up for remote view.
4. Step 4: Click the Quad View icon or Channel icons to return to the main screen.
5. Step 5: Plug in the Zone Shield Wireless device. The ASP4 viewing window on yor PC should now display what the camera sees.

No more IP hassles, router configurations, or port forwarding. Locate the website address on the label found on the back of your receiver, install ASP4 software on your PC, connect your receiver to your PC using the provided USB cable, and the Xtreme Life unit is ready for use.

Product Features

- Build Your Own Hidden Camera System: Connect up to 4 of Any Combination of Xtreme Life or Zone Shield QUAD Wireless Hidden Cameras
- 2 Difference Wireless Receiver Choices: QUAD or QUAD LCD(includes built-in LCD screen)
- 4 to 1 Connectivity: Choose 1 Receiver Connect up to 4 Cameras
- Digital 2.4GHz Wireless Video Transmission with No Interference
- Continuously Power Systems for Round the Clock Surveillance
- Indoor/Outdoor Hidden Video Surveillance Systems (select models)
- Night Vision - Hidden IR Lights Capture Video at Night (select models)
- Time/Date Stamped Files
- Record your Video to PC or a Memory Card
- ASP4 PC Software
- Live Remote Video Access
- Live Mobile & Smartphone Video Access
- Free Mobile Application (Apple, Android)
- When Privacy Matters our Completely Concealed Cameras Hide in Plain Sight
- No Visible Wires
- 1 Year Manufacture Warranty

Initial Setup

Pairing Camera and Receiver

1. Connect the provided power supply to your camera. Now you are ready to pair your camera with the receiver.
2. Turn on your receiver (see Power Button location on Pg. 3):
   a) If using the QUAD LCD receiver (Fig 2) simply press the Power Button.
   b) If using the QUAD receiver (Fig 2) connect the provided RCA cables from the video output on the receiver to the input on a TV or monitor, then press the Power Button.

The Power LED will glow red when the power is on.

3. What is Pairing? Pairing creates the secure connection between the receiver and the camera(all units are paired at the factory for easy setup).

Note: The receiver cannot be plugged into the computer via the USB cable, while attempting to pair.

   a) Select a channel (1-4) on the receiver by pressing the pair button - Fig. 1.
   b) Press and hold the pair button until the channel LED light flashes blue - Fig. 2
   c) Press the pair button on your camera (see Pair Button location on Pgs. 24-25)
   d) If the pairing is successful the blue channel LED on the receiver will flash rapidly and the camera image will be shown on the monitor or TV.

4. To pair additional cameras press the pair button and quickly release it to change the receiver channel. Then repeat pairing process from step 3 on a new channel.

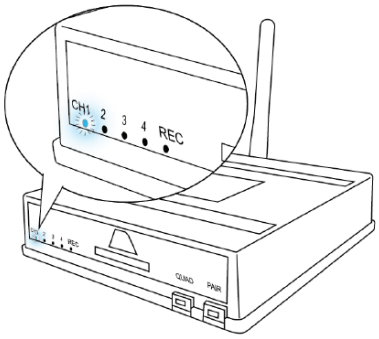


Fig 1

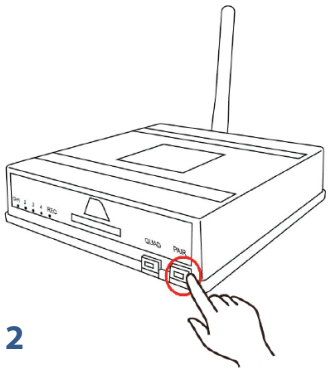
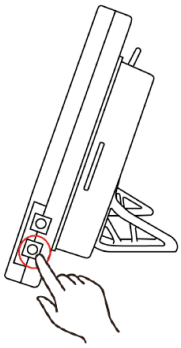


Fig 2



Set up the PIR: Xtreme Life™ Wireless QUAD/QUAD LCD

(If your unit is battery operated, it comes with a PIR)

- Passive InfraRed (PIR) sensors detect levels of infrared radiation (IR). The hotter an object is, the more IR it emits. The PIR sensor, using very little power, allows the transmitter to stay off until activity is detected, conserving battery life. When there is a change in IR levels, considered motion, the transmitter will turn on. When the transmitter turns on, it will automatically pair with the receiver. In order for the transmitter to automatically pair with the receiver, they will first need to be manually paired. See Initial Setup (pg. 4) for pairing instructions.

- When the transmitter and receiver pair, the camera's image will be shown on the monitor. When the PIR sensor no longer detects a change in IR, the transmitter will turn off thus conserving the battery life. While the transmitter is turned off, the camera images will go blank and the image to the right will appear on your LCD screen or monitor . When using / viewing ASP4 software, the camera images will freeze. The next time the PIR detects IR and triggers the transmitter, the image will resume transmitting video.

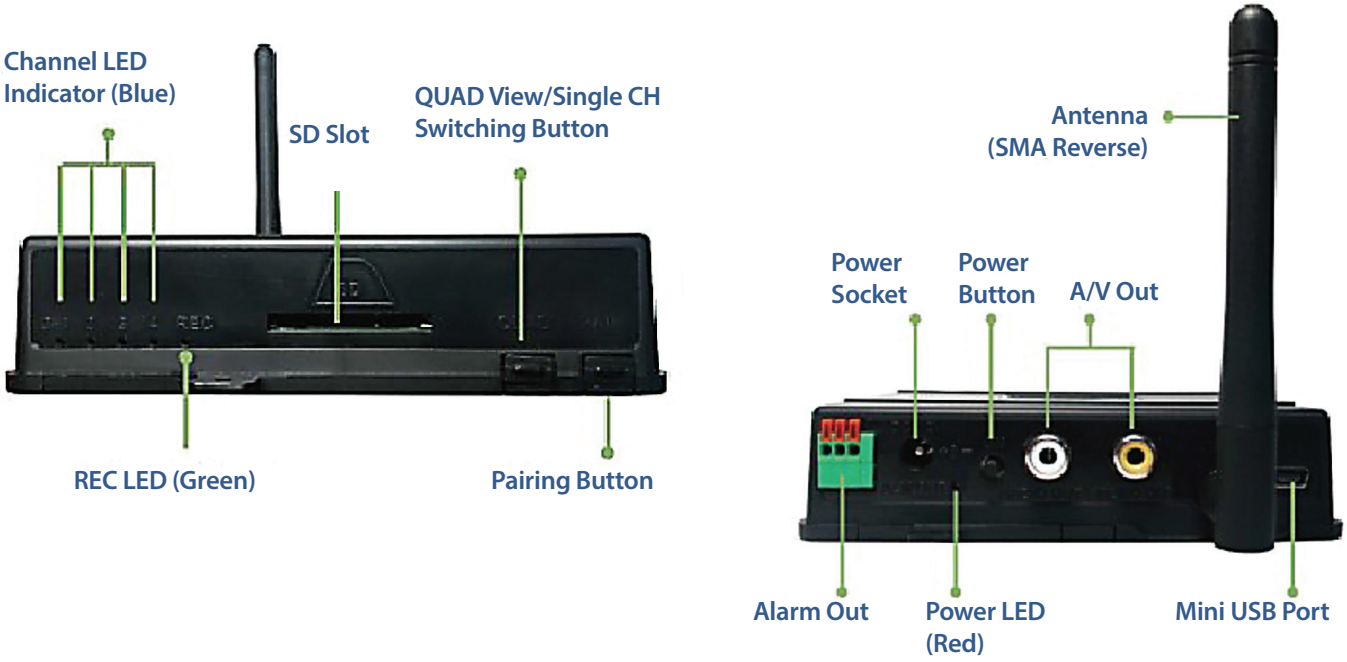
Remote Control

Button	Function	Description(s)
	Power	
	Playback	Press the button to get to the playback menu. During playback, press the button to pause, press again to continue
	Panic Record	Start to record manually. Press again to cancel recording mode.
	QUAD	QUAD display mode
	SEQUENCE	Auto sequence display mode
	MENU	Menu
1	CH1	Channel 1 & Number 1 & punctuation marks "-/+"
2	CH2	Channel 2 & Number 2 & "A B C"
3	CH3	Channel 3 & Number 3 & "D E F"
4	CH4	Channel 4 & Number 4 & "G H I"

Button	Function	Description(s)
5 6 7 8 9 0	Numbers	Numbers 5 to 0. English characters and punctuation marks "•_•"
C	Clear	
	Return	Return to last page
OK	Confirm	Enter
	Up/Down/ Right/Left	
	MENU	Key sound off
	Lock	Key Lock

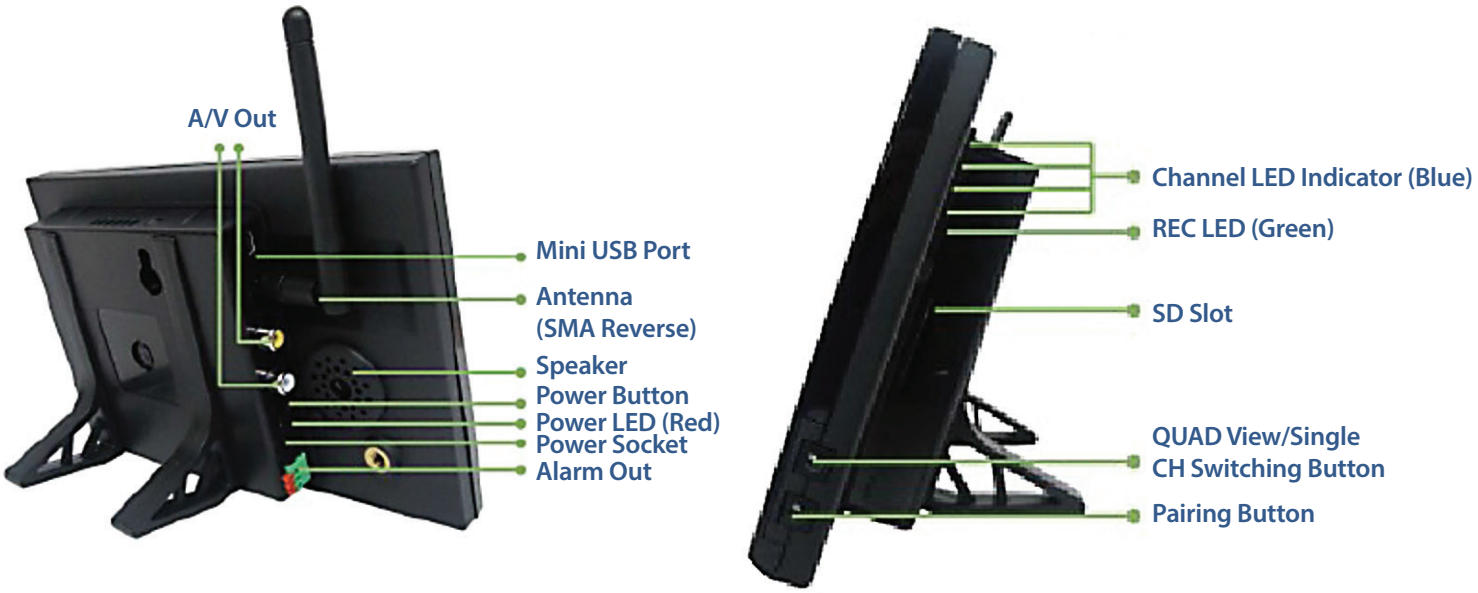
Digital Wireless Receiver Type

Zone Shield QUAD Fig 1



With LCD Screen

Zone Shield QUAD LCD Fig 2



Remote View Requirements

- The software and minimum hardware requirements to use remote viewing on a PC are:
  - Microsoft Windows XP or Windows 7 (.NET Framework 3.5 higher)
  - Internet Explorer 8 or higher; Google Chrome
  - CPU: 2.0GHz or higher (only support x86 and x64)
  - Memory: 1GB
  - Display card: Independent display card and support DirectX 9.0 or higher.
- The software and minimum hardware requirements to use remote viewing on an iPhone/iPad are:
  - iPhone 3 or higher
  - iPad
  - iOS 4.3 or higher
- Recommended internet speed: 1 MB per second upload speed. The download speed is irrelevant for the network where the receiver is located as the video stream is uploaded to the EZ-See server. To check your internet speed, go to a bandwidth testing site, such as *http://www.speedtest.net/*.

- **In order to enable constant remote video access, a PC will need to be on at all times running the supplied ASP4 software. The receiver will also need to be connected to the USB port of the same PC that is running the ASP4 software.**

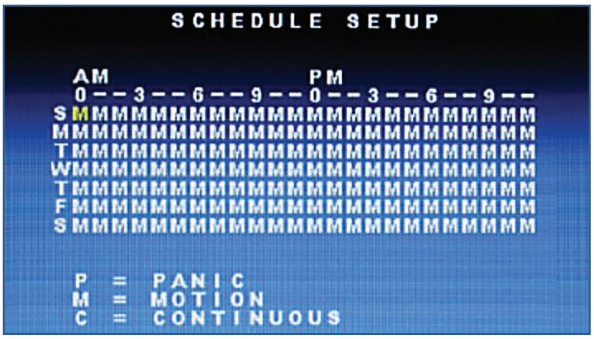
A Few Words About Remote-View Technology

- Streaming video is only as good as the equipment and connections that enable it. There are several factors that affect remote video streaming. These factors include the connection speed, current system loads, and available bandwidth of the internet connections on both the web server(your computer) and the remote view computer or smart phone. Video loss and freezing are typically due to an insufficient internet connection. If video loss or freezing occurs this will not affect ASP4 recording(video recording on hosting PC).

*If in an office setting please consult your IT department when installing the ASP4 software. The company network could have a firewall that blocks ASP4 from sending video to the EZ-See website.

Receiver Menu

Schedule Setup



- **Schedule setup** - allows you to create a customized 7 day recording schedule. Each digit allocates 1 hour of time.
- **Panic** - is for manual recording. When in **Panic** mode press the **Record** button on the remote to start manual recording.
- **Motion** - is for motion detection recording. When in **Motion** mode the unit will only record when motion is present.
- **Continuous** - is for continuous recording. When in **Continuous** mode the unit will constantly record.

Recording Setup - For Memory Card Recording Mode Only

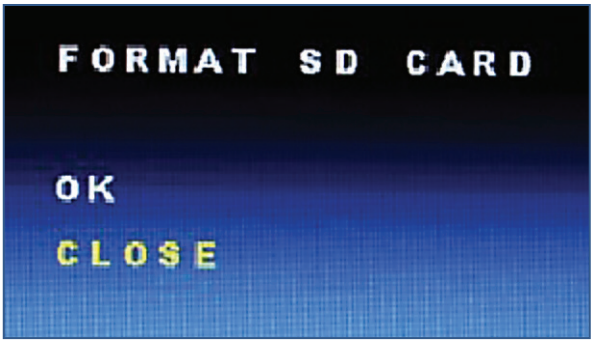
- After recording setup is complete, press the **Record** button on the remote to initiate recording.

Memory Card Information

- **Total** - shows the amount of space the memory card can hold. If the card is inserted in the receiver and the total shows 0.0 GB, the receiver does not recognize the card and the memory card will need to be formatted (see Format Pg. 16).
- **Remain** - shows the amount of space left on the card.
- **Full stop** - will stop recording when the card is full.
- **Overwrite** - will delete the oldest file when the card is full and replace with new recording files.

Format Memory Card

- **Format Memory Card** - will erase all data that is currently on the card. This will also put a new card in the correct format for the receiver to record onto.



Peripheral Setup

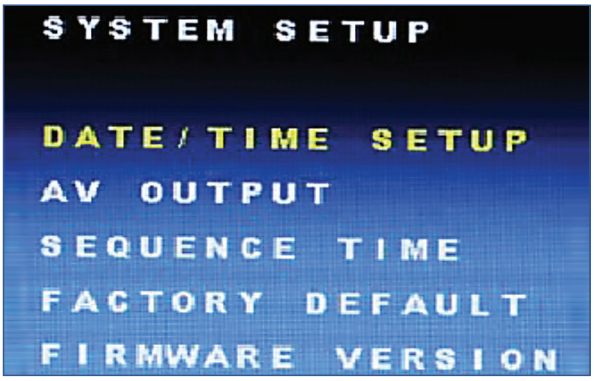
Buzzer Setup

- **Buzzer** - is a beeping noise the receiver makes when an event takes place.
- **Video Loss** - if there is a loss in connection between the camera and receiver, the buzzer will sound.
- **Motion Detect** - the buzzer will sound when motion is detected.
- **Buzzer Duration** - sets the amount of time the buzzer will sound.

System Setup

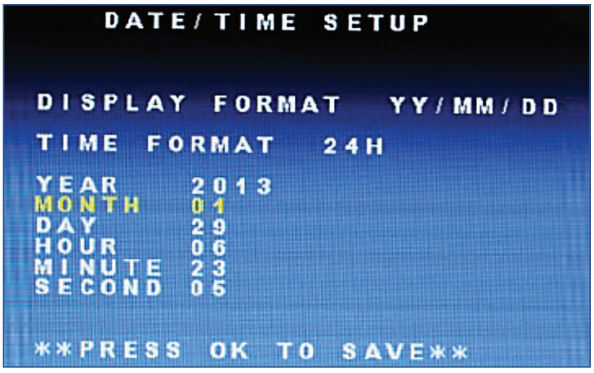
Date / Time Setup

- **Date / Time Setup** - enable date and time stamp on the video recording.
- **Time Format** - choose from a 12 hour or 24 hour format. Set the current time and press **OK** to save.



Sequence Time

- **Sequence Time** - change the amount of time the channel (camera) will show on the screen before switching to the next channel (camera).
- To place the monitor in sequence mode, press the **Sequence** button on the remote.



Factory Default

- **Factory Default** - this will return all settings to as they were from the manufacturer.
- Using this function is a good troubleshooting step regarding any type of issue with the receiver.

Brightness Setup

- **Brightness Setup** - change the level to increase or decrease the brightness of the QUAD LCD display's image.

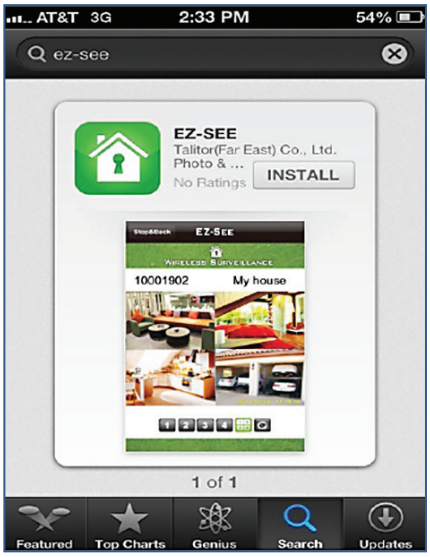
Apple or Android App

Download on the App Store

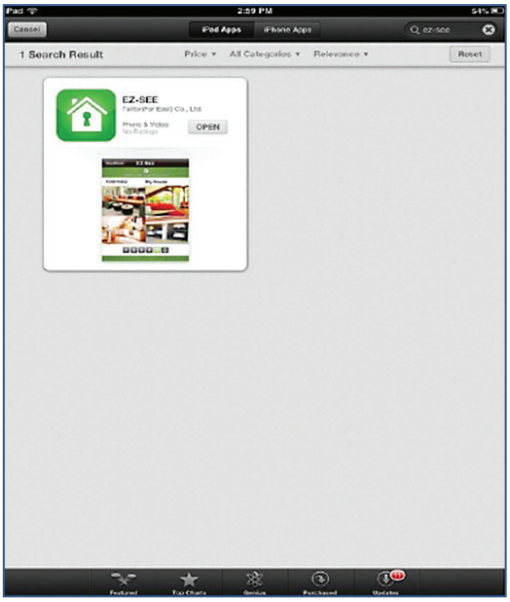
ANDROID APP ON Google play

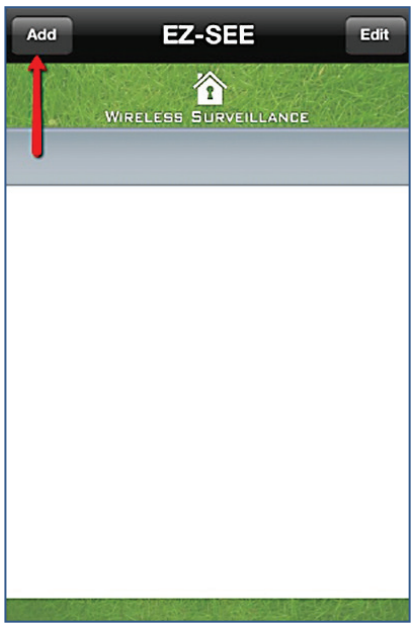
- Open the App Store and search for "EZ-See" to download the app.

Phone



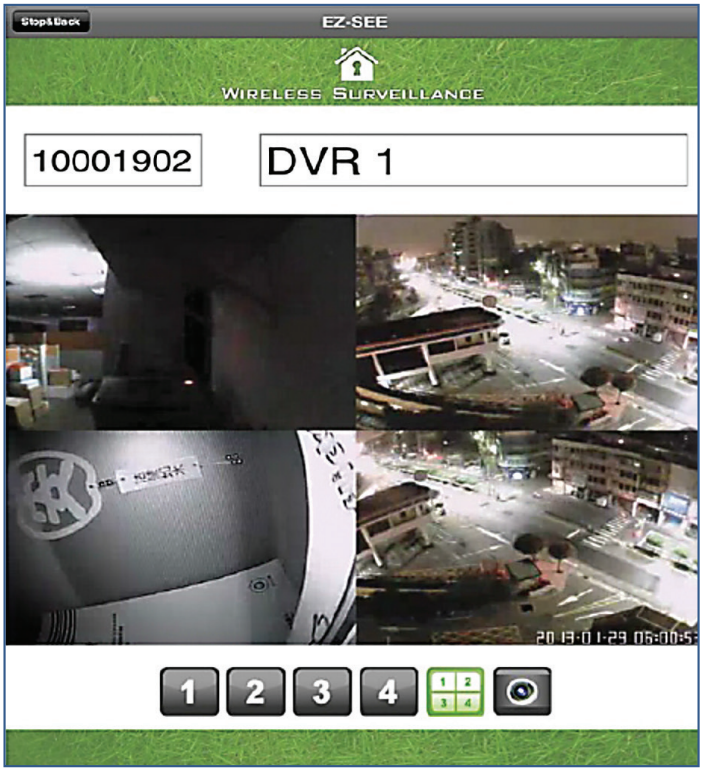
Tablet





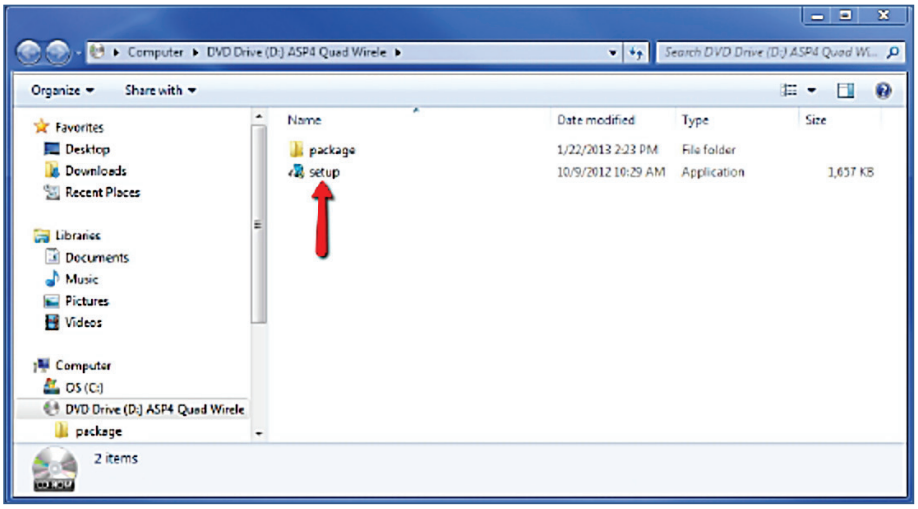
- Select the receiver ID

- Watch live stream video

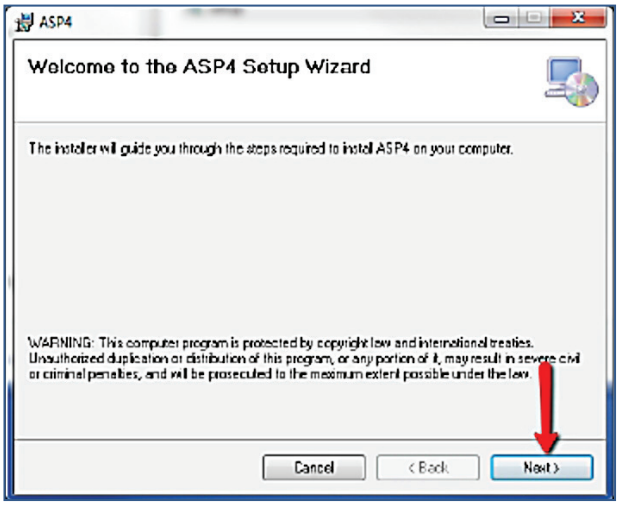


ASP4 Installation Instructions (for remote view)

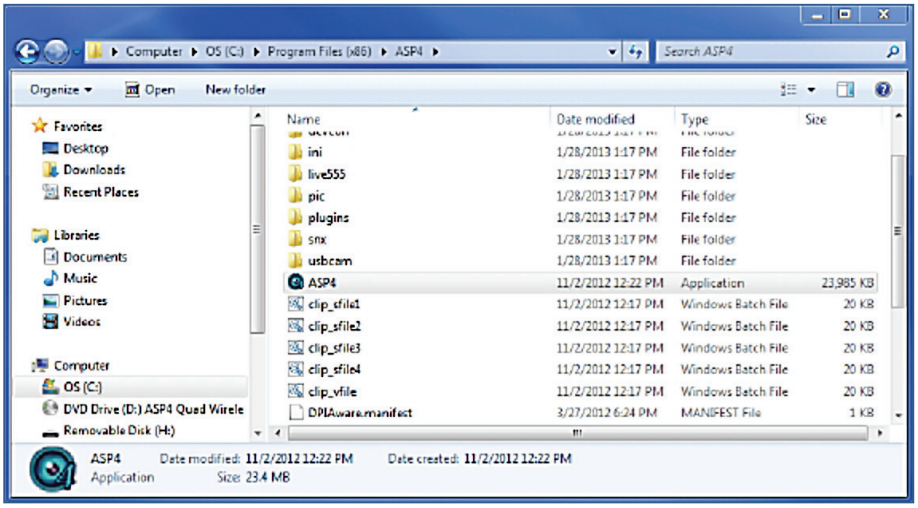
1. Insert the supplied ASP4 software CD into your computer.
2. Double click on the **setup icon** to start the installation wizard.



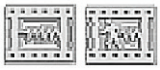
3. Click **next**, to run through the installation wizard.



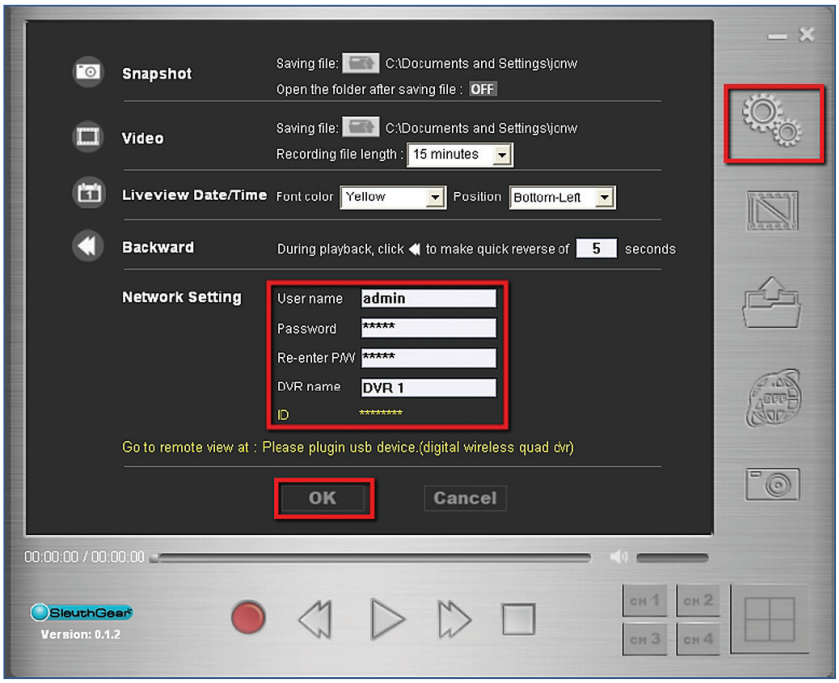
4. To create a shortcut to the software on your desktop find the installation location of the software. Right click ASP4 and go to send to and select Desktop.



ASP4 User Interface

	System Setting		Recording Mode
	Open file, to search the recording files		Network ON/OFF (for remote view)
	Snapshot, to save JPG picutre		CH1 Full screen display
	CH2 Full screen display		CH3 Full screen display
	CH4 Full screen display		QUAD-View display
	Manual recording during live view & backup files during playback		Backwards
	Pause		Forwards
	Stop		Play

ASP4 Settings



- After installation, open the software on the PC and click the **settings** button. Located at the top right hand corner.

- **"Snapshot" and "Video"** will show the storage location of the recorded data. Here you can change the storage location of your videos or snapshots.

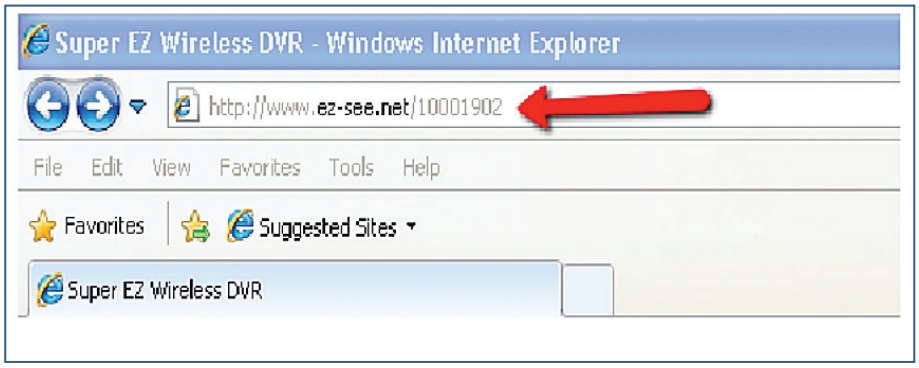
- Via **"Network Settings"** users can change the user name and password. The user name and password has a 12 digit capacity.

- **"Go to remote view at:"** shows the website that is specific to this receiver. Use Internet Explorer or Google Chrome to log in and access the video live stream by typing in the link to the address bar of the web browser.

- Click "**OK**" to save the settings after they have been changed.

Remote View

1. Enter the remote view address in to the address bar as shown below.

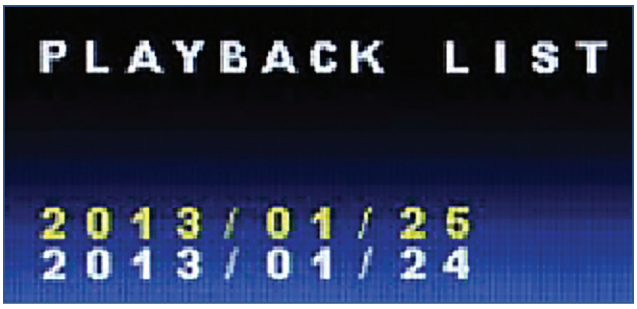


- Enter the **user name** and **password** if changed from default user name/ password.

2. If user name and password are correct, ASP4 browser plugin will launch and the live video stream will appear.

Video Playback

- When viewing the camera images live, press ▶ button on the remote to access video playback/recordings.



- **Playback List** - shows the dates of recorded video by date and time stamp. Scroll to the playback date you would like to view and press **OK** on the remote.

- The next list will show the time stamp of when the recording started and ended. Scroll to the time you would like to view and press **OK** on the remote.
- During video play back press the up or down arrows to move to the next video.

Specifications

Channel Pairing	Up to 4 Transmitting Cameras to 1 Receiver
Operation Frequency Range	2408.625 ~ 2470.5 MHz
Channels for Hopping	53CH for NTSC / 18CH for PAL
Transmission Range	Up to 150M (164yds)
Transmitter RF output power	15.5 ~ 18.5 dBm
Video Source Input	Analog
Resolution / Frame Rate	640x480 @ 30fps
Antenna Connection	Internal Fixed
Antenna Gain	1.5 dBi
RF Data Rate	3Mbits /Second
Power Input	12V, 1A
Receiving Sensitivity	> -85 dBm
Video Compression	MPEG4
Recording Mode	Schedule Continuous, Schedule Motion, Panic
Playback Mode	Via device itself or bundled software on PC
Recording Storage	SD Card (support up to SDXC 64GB)
Alarm Output	Yes – 1 set (NC or NO)
USB Connection	Yes – USB Mini-B output
Operation Temperature	0°C ~ 40°C (32°F~ 104°F)
Image Sensor	¼" SOC Sensor
Effective Pixels	640x480
Sensor Scan Mode	54MHz Progressive
Lens	2.5mm Fish Eye or 2.1mm Peak Cone
S/N Ratio	> 45dB
Sensitivity	> 11.5V/lux-s at 550nm
White Balance	Auto Tracking White Balance
Viewing Angle	62 degree
IR Filter	940nm
Additional Specifications for Xtreme Life product line only	
PIR Motion Sensor	Yes - Trigger for recording
Battery Life	Up to 30 days in standby; Up to 8 hours continuous

FAQ and Troubleshooting

Q. How do I pair my devices?

A. a) Select a channel on the receiver by pressing the pair button
b) Press and hold the pair button until the channel LED light flashes blue
c) Press the pair button on your camera (see Pair Button location on Pg. 6 of your manual)
d) If the pairing is successful the blue channel LED on the receiver will flash rapidly and the camera image will be shown on the monitor or TV.

Q. How do I format my SD card?

A. SD cards is usually required to make them compatible with the device that they will be used with. For our wireless products you can format the SD card using the setting "Format SD Card" in the menu options. This is required to ensure the device to record video.

Q. What do I need to record or to remote view my video?

A. In order to enable constant remote video access, a PC will need to be on at all times running the supplied ASP4 software. The receiver will also need to be connected to the USB port of the same PC that is running the ASP4 software.

Q. Can I add cameras at anytime?

A. Yes, you can add up to 3 more cameras at anytime.

Q. How many cameras can I add to the Zone Shield Wireless system?

A. You can add up to 4 cameras for each wireless receiver. Every model can be added to and already existing receiver. ff you have already purchased one (example) Clock Radio, you can add a Wall clock you can mix and match any Zone Shield ® wireless looks and you can add Xtreme Life ® or Night Vision wireless models.

Q. What happens when my SD card is full.

A. Via the Settings menu you can set your SD card to full stop or Overwrite. Full stop means no new recordings can be saved when the card is full. Overwrite means the system will delete the oldest recorded files to make space for newly recorded files.

Q. Does this device work with a MAC Computer?

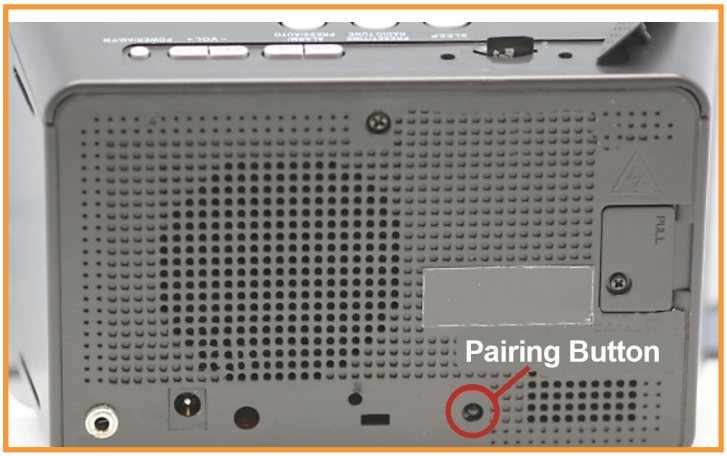
A. No, it only works with Microsoft OS up to Windows 7.

Q. Does this work with Windows OS 8?

A. No, it works up to Windows OS 7.

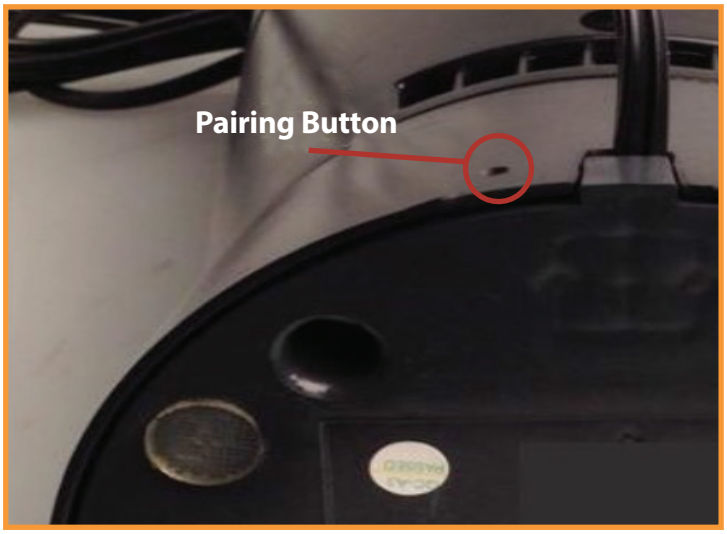
Pair Button Location

Clock Radio



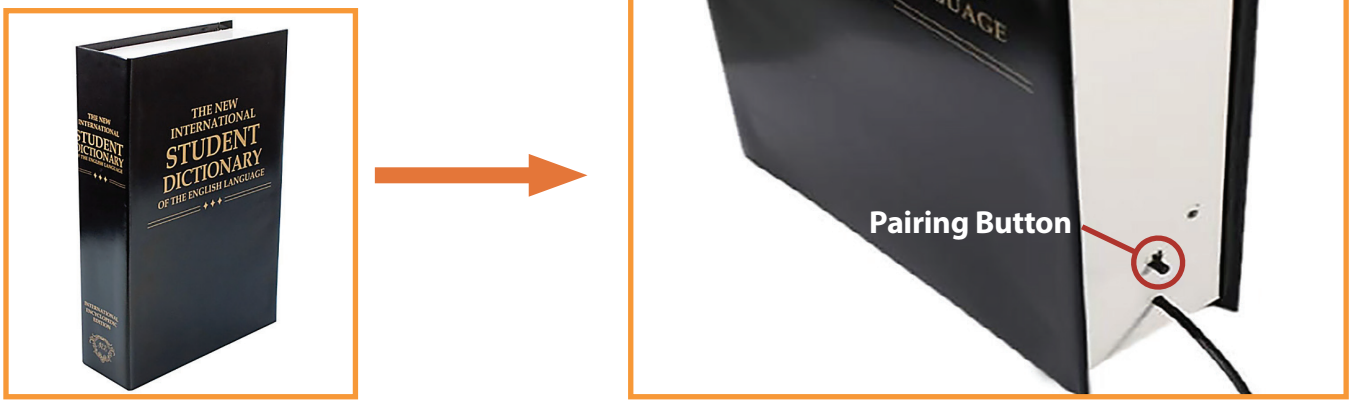
Air Purifier

Fan



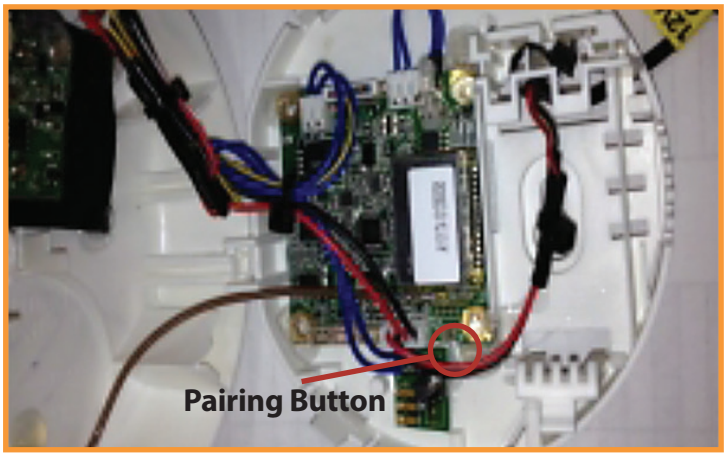
Pair Button Location

Book Camera

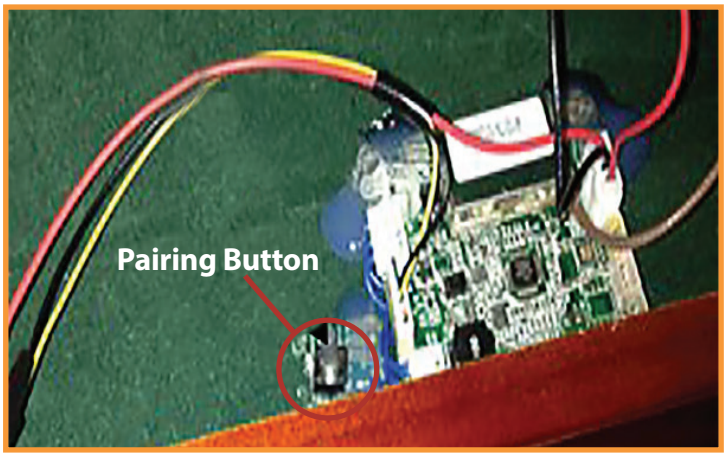


Pair Button Location

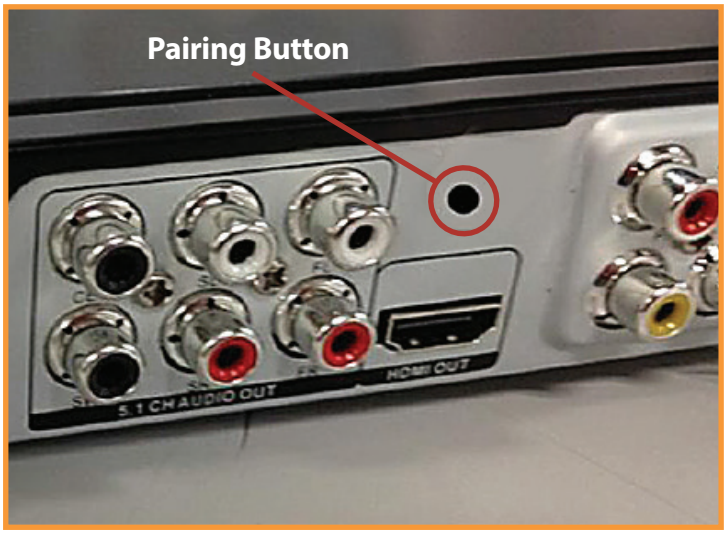
Smoke Detector



Rectangle Clock

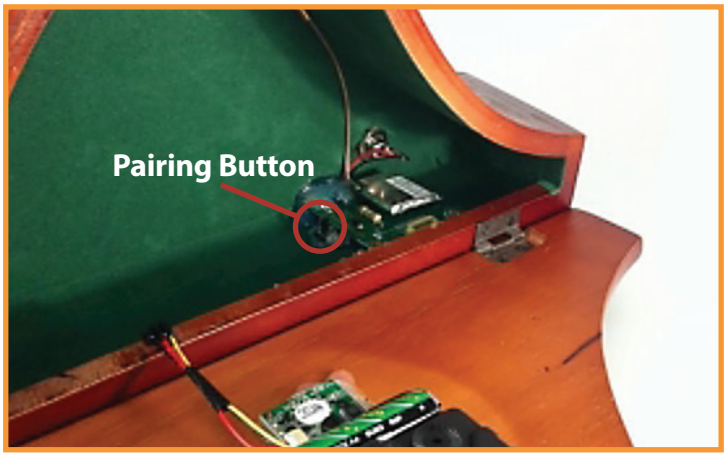


DVD

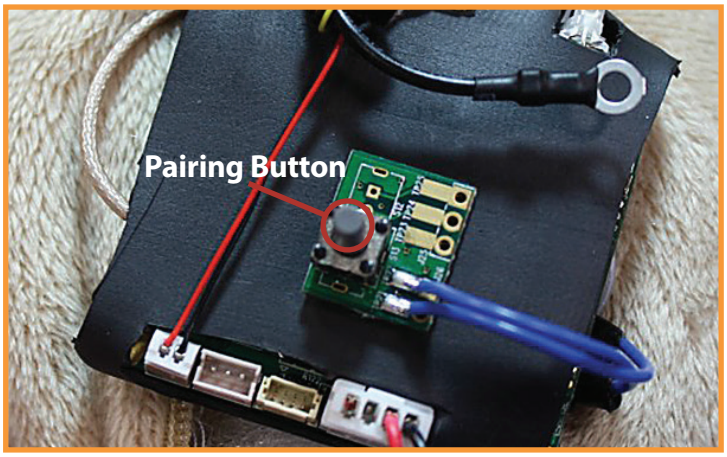


Pair Button Location

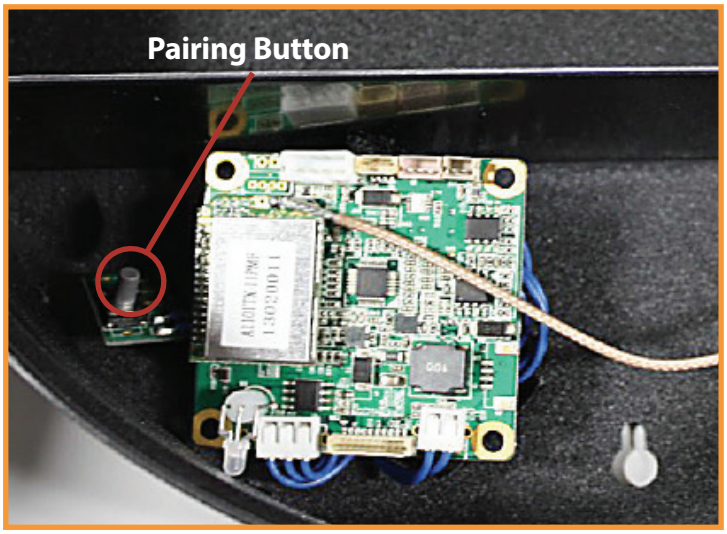
Mantle Clock



Teddy Bear



Wall Clock



Warranty & Disclaimers

Manufacturer warrants all Covert Video and Sleuth Gear Hidden Video Products (Product) assembled and sold by Manufacturer to be free of defects in material and workmanship, subject to the following conditions. The duration of Manufacturer's warranty with respect to the Product is limited to one (1) year from the date of sale to the original consumer purchaser only for Products delivered within the fifty (50) states of the United States, District of Columbia, or the possessions and territories of the United States

No other express warranties are made with respect to any Product. All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited to the warranty period set forth above. This warranty is not transferable and applies only to the original consumer purchaser of the Product.

Manufacturer will, as its sole obligation under this warranty, replace or repair, at its option, any Product that does not conform to this warranty. Under no circumstances will the Manufacturer issue credit or give a refund for Product covered by this warranty. Furthermore, under no circumstances will Manufacturer be liable for any incidental or consequential damages under this warranty or any implied warranties.

What is not covered:
This limited warranty does not cover Products that in Manufacturer's judgment have damage resulting from any (i) deviation from Manufacturer's operating instructions as printed in Manufacturer's catalog or on any packaging, labels or other literature provided with a Product, (ii) installation of a Product in a manner which is inconsistent with Manufacturer's written instructions, (iii) alteration, modification of or tampering with a Product, (iv) misuse, (v) neglect, (vi) abuse, (vii) accident, (viii) power surge, static electricity or other electrical discharge, (ix) normal wear and tear, (x) commercial use, (xi) service by anyone other than a Manufacturer authorized repair facility, or (xii) other improper application, installation or operation of the Product. Or, (xiii) have been purchased from inventory clearance or liquidation sales or other sales in which Manufacturer expressly disclaims its warranty obligation pertaining to the Product.

How you (the Customer) can get service:
To obtain warranty service during the warranty period, you must return the defective Product with the original receipt to the original place of purchase. Contact them for return instructions.

If warranty service is needed at any time during the warranty period, the purchaser will be required to furnish a sales receipt/proof of purchase indicating the date of purchase, amount paid and place of purchase. Customers who fail to provide such proof of purchase will be charged for the repair of any Product.

How state law relates to the warranty:
Some states do not allow limitations on how long implied warranties last, or the exclusion or the limitation of incidental or consequential damages. So the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights that may vary from state to state.

NO PERSON IS AUTHORIZED BY MANUFACTURER TO MODIFY OR ADD TO THIS LIMITED WARRANTY.

For warranty information on Products delivered outside the United States please contact the original place of purchase.

DO NOT ATTEMPT TO RETURN PRODCUT TO ORIGINAL MANUFACTURER, AS THIS PRODUCT HAS BEEN MODIFIED AND IS NO LONGER SUBJECT TO ORIGINAL MANUFACTURER'S WARRANTY. IN THE CASE OF A DEFECTIVE PRODUCT, CONTACT PLACE OF PURCHASE FOR RETURN PROCEDURE.

IT IS THE USER'S RESPONSIBILITY TO ENSURE THAT THIS EQUIPMENT IS USED IN ACCORDANCE WITH THE LAW(S) OF THE JURISDICTION IN WHICH THIS EQUIPMENT IS UTILIZED.

THIS PRODUCT MAY BE SUBJECT TO THE JURISDICTION OF THE U.S. WIRE AND COMMUNICATIONS ACT (18 UNITED STATES CODE §§ 2510-2522) (HEREINAFTER REFERRED TO AS "ACT") REGARDING SURREPTITIOUS RECORDING DEVICES. THE USES OF SUCH PRODUCTS ARE REGULATED BY THE ACT. ADDITIONALLY, THE LAWS OF SOME STATES, COUNTIES, CITIES OR LOCALITIES MAY PROHIBIT THE POSSESSION AND/OR USE OF THIS OR SIMILAR PRODUCTS. IT IS THE RESPONSIBILITY OF THE RETAIL BUYER AND/OR FINAL CONSUMER (HEREINAFTER REFERRED AS "BUYER") TO ASCERTAIN, UNDERSTAND, AND OBEY ANY AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS REGARDING POSSESSION AND USE OF THIS PRODUCT. BY PURCHASING THIS PRODUCT THE BUYER REPRESENTS THAT IT WILL INDEMNIFY THE MANUFACTURER AND/OR DISTRIBUTOR AND HOLD THEM HARMLESS FOR ANY POSSESSION, USE AND/OR MISUSE THAT VIOLATE ANY FEDERAL, STATE OR LOCAL LAW OR REGULATION REGARDING AUDIO AND/OR VIDEO DEVICES. BUYER AGREES TO CONSULT WITH AN ATTORNEY AT LAW REGARDING POSSESSION OR APPROPRIATE USE OF A COVERT DEVICE. NOTE THAT LAWS AND REGULATIONS VARY FROM STATE TO STATE. IF BUYER EXPORTS THIS PRODUCT, THE BUYER WILL COMPLY WITH US EXPORT CONTROL LAWS AND ANY APPLICABLE DEPARTMENT OF COMMERCE, STATE AND TREASURY REGULATIONS GOVERNING EXPORTS AND SALES TO PROHIBITED END USERS. DIVERSION OR RE-EXPORT CONTRARY TO U.S. LAW IS PROHIBITED. BUYER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS GOVERNING THE SALE OF THIS PRODUCT, INCLUDING U.S. EXPORT CONTROL LAWS AND THE U.S. DEPARTMENT OF COMMERCE AND TREASURY REGULATIONS GOVERNING SALES TO PROHIBITED END USERS.

PART 15 LOW POWER: ANY CHANGES OR MODIFICATIONS TO THIS EQUIPMENT WITHOUT THE EXPESS AUTHORIZATION OF THE MANUFACTURER COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT(RULE 15.21 OF THE FCC).

THIS EQUIPMENT HAS BEEN TESTED AND HAS BEEN FOUND TO BE IN COMPLIANCE WITH THE LIMITS FOR A CLASS B DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTIONS AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT USES, GENERATES AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH INSTRUCTIONS, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.